

FIELD MODIFICATION FORM
FOR
LOWER PASSAIC RIVER RESTORATION PROJECT
MALCOLM PIRNIE, INC.

DATE: August 14, 2009

DOCUMENT: Oversight Quality Assurance Project Plan (QAPP) for
Biological Sampling, Community Surveys, and Toxicity and
Bioaccumulation Testing
Lower Passaic River Restoration Project

ACTIVITY: Field Modification No. 1 for the Oversight Program

REQUESTED MODIFICATION:

According to the Lower Passaic River Restoration Project *Oversight Quality Assurance Project Plan (QAPP) for Biological Sampling, Community Surveys, and Toxicity and Bioaccumulation Testing* dated August 6, 2009, real-time modifications to the oversight project can be implemented by documenting the modification and obtaining approval from the Project Manager and Site Quality Officer (refer to Worksheet #6). The requested modification for “Field Modification No. 1” includes the replacement of the Standard Operating Procedure (SOP) for the percent lipid analysis.

On August 7, 2009, the Cooperating Parties Group (CPG) revised their Remedial Investigation / Feasibility Study (RI/FS) fish tissue collection QAPP to incorporate a comment by the United States Environmental Protection Agency (USEPA) to follow the Bligh-Dyer extraction procedure for the analysis of percent lipid in tissue samples. To maintain consistency between the CPG RI/FS QAPP and the Oversight QAPP, Malcolm Pirnie, Inc. notified USEPA and the United States Army Corps of Engineers (USACE) on August 12, 2009 that the percent lipid-SOP in the Oversight QAPP would also need to be revised to follow the Bligh-Dyer method to allow an accurate split sample comparison. USEPA (Chuck Nace, Bill Sy, and Stephanie Vaughn) agreed with this modification by August 14, 2009.

The attached SOP (MSL-O-007-01, dated December 18, 2007) by Battelle Marine Sciences Laboratory is designed to analyze percent lipid in a tissue matrix following the Bligh-Dyer extraction procedure. This SOP will supersede the current percent-lipid SOP in the Oversight QAPP (Accutest Laboratories SOP, EGN273-01). Since Battelle Marine Sciences Laboratory is a subcontract laboratory to Accutest Laboratories, split samples will continue to be shipped to Accutest Laboratories following the Oversight QAPP requirements.

Replacement worksheets for the Oversight QAPP will be provided when the Oversight QAPP is revised to address the final CPG RI/FS benthic sampling plan.

RATIONALE: Replace current percent-lipid SOP with SOP (MSL-O-007-01), which complies with the Bligh-Dyer extraction procedure, to be consistent with the CPG RI/FS QAPP and as requested by USEPA.

ATTACHMENTS: Battelle Marine Sciences Laboratory SOP (MSL-O-007-01) for Percent Lipid Analysis using the Bligh-Dyer Method. (SOP was provided to the USEPA for review. SOP is not posted due to laboratory confidentiality.)

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Project Manager:



Jim McCann
Site Quality Control Officer:

